



STIC EIC 2100 Search Request Form

Today's Date:

2/15/2005

What date would you like to use to limit the search?

Priority Date: 2/15/2005 Other:

Name THUY PARDO

AU 2165 Examiner # 74526

Room # 3A25 Phone 24082

Serial # 09/100,934

Format for Search Results (Circle One):

☒ PAPER

☐ DISK

☐ EMAIL

Where have you searched so far?

☒ USP

☒ DWPI

☒ EPO

☒ JPO

☐ ACM

☒ IBM

☐ TDB

☒ IEEE

☐ INSPEC

☐ SPI

☐ Other

Is this a "Fast & Focused" Search Request? (Circle One) ☒ YES ☐ NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

- Y2K problem.

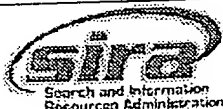
- Adding 7 integers of date file (yyyxddd) to (or subtracting) another 7 integers of date file to generate a sum (or a difference) and adding (or subtracting) 635 to the sum (or from the difference) when last three integers of the sum (or the difference) is in excess of 365 to generate a new date file.

STIC Searcher David H. H. H. H.

Phone 2-3528

Date picked up

Date Completed



Set	Items	Description
S1	3157765	DATE OR YEAR? OR DATEFILE? OR CALENDAR? OR DATES OR DATING OR DATESTAMP?
S2	10289	Y2K? OR Y()2K OR MILLENI? OR YEAR() (TWO()THOUSAND? OR 2()T- HOUSAND? OR 2K) OR Y()2()K
S3	3705648	INTEGER? OR DATA()SPACE? OR NUMBER? OR DIGIT OR DIGITS
S4	29	(ADD OR SUBTRACT? OR SUM OR SUMMING OR ADDING OR ADDS) (2N) - (SEVEN? OR 7 OR SEPT?) (3N)S3
S5	31310	365 OR THREE()HUNDRED(N)SIXTY()FIVE OR SIX()HUNDRED(N)THIR- TY(N)FIVE OR 635 OR 6()35
S6	28379	(ADD OR ADDS OR ADDING OR INCREMENT? OR DECREMENT? OR SUBT- RACT? OR REMOVE? OR DECREASE?) (3N) (SEVEN? OR 7 OR SEPT?)
S7	0	S1 AND S2 AND S4
S8	3	S1 AND S4
S9	0	S2 AND S4
S10	0	S2 AND S6
S11	5	S2 AND S5
S12	8	S11 OR S8
S13	5	RD (unique items)
S14	453	S2 AND S3
S15	0	S2 AND S6
S16	0	S14 AND S6
S17	1866	S3 AND S1(2N) (SIZE? OR SPACE? OR LENGTH?)
S18	0	S2 AND S17
S19	9	S17 AND (S5 OR S6)

?show files

File 8: Ei Compendex(R) 1970-2005/Jan W3
(c) 2005 Elsevier Eng. Info. Inc.

File 35: Dissertation Abs Online 1861-2005/Jan
(c) 2005 ProQuest Info&Learning

File 65: Inside Conferences 1993-2005/Feb W2
(c) 2005 BLDSC all rts. reserv.

File 2: INSPEC 1969-2005/Feb W1
(c) 2005 Institution of Electrical Engineers

File 94: JICST-EPlus 1985-2005/Jan W1
(c) 2005 Japan Science and Tech Corp(JST)

File 111: TGG Natl. Newspaper Index(SM) 1979-2005/Feb 10
(c) 2005 The Gale Group

File 6: NTIS 1964-2005/Feb W1
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 144: Pascal 1973-2005/Feb W1
(c) 2005 INIST/CNRS

File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 34: SciSearch(R) Cited Ref Sci 1990-2005/Feb W1
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File 62: SPIN(R) 1975-2005/Nov W4
(c) 2005 American Institute of Physics

File 99: Wilson Appl. Sci & Tech Abs 1983-2005/Jan
(c) 2005 The HW Wilson Co.

File 95: TEME-Technology & Management 1989-2005/Jan W1
(c) 2005 FIZ TECHNIK

13/5/5 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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05626025 Genuine Article#: WL492 Number of References: 4
Title: **Dealing with dates: Solutions for the year 2000**
Author(s): Martin RA (REPRINT)
Corporate Source: MITRE CORP, 202 BURLINGTON RD/BEDFORD//MA/01730 (REPRINT)
Journal: COMPUTER, 1997, V30, N3 (MAR), P44-&
ISSN: 0018-9162 Publication date: 19970300
Publisher: IEEE COMPUTER SOC, 10662 LOS VAQUEROS CIRCLE, PO BOX 3014, LOS
ALAMITOS, CA 90720-1264
Language: English Document Type: ARTICLE
Geographic Location: USA
Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology
Journal Subject Category: COMPUTER SCIENCE, HARDWARE & ARCHITECTURE;
COMPUTER SCIENCE, SOFTWARE, GRAPHICS, PROGRAMMING

Abstract: The **Y2K** problem is real, and it has attracted intense media attention and aggressive vendor response. For whatever reason-whether they wanted to save precious memory in an era when memory was incredibly expensive, or because they didn't expect systems to last this long, or because they simply didn't recognize the problem-programmers long ago adopted a two-digit convention to represent the year.

This convention will cause failures as we approach the turn of the century and beyond. On January 1, 2000, uncorrected software will assume that the maximum value of a year field is 99 and will roll systems over to the date 1900 instead of 2000, resulting in negative date calculations. Incorrect leap year calculations will incorrectly assume that the year 2000 has only **365** days instead of 366. What's more, many date-dependent algorithms and forward-referencing systems are already beginning to fail.

Approaches for resolving the problem and managing the risks have tended to focus on how particular tools and vendors can help. This article sets forth the concepts, terminology, and individual aspects of a **Y2K** effort and then defines a process that an organization can use to address its own **Y2K** challenge in a forthright and level-headed manner.

Cited References:

*IBM, 1996, GC28125100 IBM
BACKMAN T, 1996, SUMMARY MITRE ASSESS
GOMES L, 1996, WALL STREET J 0918
JONES C, 1996, GLOBAL IMPACT YEAR 2

Set	Items	Description
S1	41063	DATE OR DATEFILE? OR CALENDAR? OR DATES OR DATING OR DATES-TAMP?
S2	67	Y2K OR YEAR() (TWO()THOUSAND? OR 2()THOUSAND? OR 2K) OR Y()-2()K
S3	1610631	INTEGER? OR DATA()SPACE? OR NUMBER?
S4	202	(ADD OR SUBTRACT? OR SUM OR SUMMING OR ADDING OR ADDS) (2N)-(SEVEN? OR 7 OR SEPT?) (3N)S3
S5	5210	365 OR THREE()HUNDRED(N)SIXTY()FIVE OR SIX()HUNDRED(N)THIRTY(N)FIVE OR 635 OR 6()35
S6	1	S1 AND S4
S7	0	S2 AND S4
S8	103	S4 AND (CLOCK? OR DATE? OR TIME? OR CALENDAR? OR SCHEDUL? - OR S2)
S9	0	S8 AND S5
S10	0	S8 AND S2
S11	92	S8 NOT AD=19980622:20010622
S12	87	S11 NOT AD=20010622:20030622
S13	87	S12 NOT AD=20030622:20050301
S14	1	S13 AND IC=G06F-017?
S15	24	SEVEN()SPACE?
S16	1	S15 AND (S1 OR S2)
S17	0	S15 AND S8
S18	0	S13 AND YEAR?
S19	1	S13 AND (CRASH? OR BUG OR BUGS OR DISASTER? OR FAIL?)
S20	36	S13 AND IC=G06F?
S21	15	S4(3N) (CLOCK? OR DATE? OR TIME? OR CALENDAR? OR SCHEDUL? OR S2)
S22	13	S13 AND S21
S23	47	S22 OR S20
S24	47	IDPAT (sorted in duplicate/non-duplicate order)
S25	47	IDPAT (primary/non-duplicate records only)
S26	1	S25 AND (DATE? OR DAY? OR CALENDAR? OR YEAR?)
S27	15	AU=(STOUT W? OR STOUT, W?)
S28	1	S27 AND (DAY? OR DATE? OR CALENDAR?)
S29	13	S2 AND (ADD? OR SUBTRACT? OR SUM? OR REMOVE? OR INCREMENT? OR DECREMENT?)
S30	18226	MC=(T01-E02A OR T01-F05B2 OR T01-F05E?)
S31	6000	(DAY? OR YEAR? OR CALENDAR? OR DATE?) (3N) (SPACE? OR INTEGER? OR NUMBER? OR FORMAT? OR REFORMAT?)
S32	22	S30 AND S31
S33	21	S32 NOT (S29 OR S25)
S34	1648	(CALENDAR? OR DATE? OR DAY? OR YEAR?) (2N) (FIELD? OR SPACE? OR AREA? ? OR INTEGER? OR DIGIT?)
S35	127	S34 AND (ADD OR ADDS OR ADDING OR SUM OR SUMMING OR INCREMENT? OR DECREMENT? OR DELETE? OR SUBTRACT?)
S36	127	S34 AND S35
S37	42	S36 AND IC=G06F?
S38	4	S36 AND S30
S39	43	S37 OR S38
S40	41	S39 NOT (S33 OR S29 OR S26 OR S28 OR S26)
S41	31	S40 NOT AD=19980622:20010622
S42	30	S41 NOT AD=20010622:20030622
S43	30	S42 NOT AD=20030622:20050301
S44	0	S43 AND (S2 OR MILLENI?)
S45	12	S43 AND (SPACES OR DIGITS OR INTEGERS)
S46	7	S4 AND S30

File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200510

(c) 2005 Thomson Derwent

45/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06029272

METHOD FOR **ADDING** OTHER INFORMATION TO DAY NO MONTH

PUB. NO.: 10-312372 [JP 10312372 A]
PUBLISHED: November 24, 1998 (19981124)
INVENTOR(s): YAMAZAKI MASAKAZU
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 09-121863 [JP 97121863]
FILED: May 13, 1997 (19970513)
INTL CLASS: [6] **G06F-017/10**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To display day and month with two kinds of two-digit numerals and further to digitize and **add** other information.

SOLUTION: Other information is added by making use of an unused range of two- **digit** numerals representing **day** and month. For example, when information such as Dec., Mon. and a holiday is represented with a 4-digit numeral, numerals are assigned to seven days of the week that 0 is Sun., 1 Mon., 2 Tues., 3 Wedn., 4 Thurs., 5 Fri., and 6 Sat.; and 0 and 1 are designated as a weekday and a holiday respectively, and information on the seven days of the week and the weekday/holiday information are represented with the **digits** of the month. For the calculation of the **digits** of the month, $1 \times 13 + 12 = 25$ (1 represents Mon., 13 a base value, and 12 Dec.) is set and for the calculation of the **digits** of a **day**, $1 \times 32 + 23 = 55$ (where 1 represents a holiday, 32 a base value, and 23 23th) is set; and 2-digit 25 of the month and 2-digit 55 of the day to which the information is added are connected to obtain a code 2555.

45/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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05871037

REMODELING METHOD FOR COPING WITH YEAR 2000 OF COMPUTER SYSTEM

PUB. NO.: 10-154137 [JP 10154137 A]
PUBLISHED: June 09, 1998 (19980609)
INVENTOR(s): IWANO TAKAO
APPLICANT(s): IWANO TAKAO [000000] (An Individual), JP (Japan)
APPL. NO.: 08-353141 [JP 96353141]
FILED: November 25, 1996 (19961125)
INTL CLASS: [6] G06F-017/10
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To make a computer system which treats the year of a data with two **digits** correspond to 2000 hereafter with internal processing in two **digits** as they are.

SOLUTION: First, the year of a date which is stored in an internal storage medium is changed into a value that **subtracts** a multiple of 4 which is preliminarily defined. A multiple of 4 is **subtracted** from a **year** of four **digits** of **date** data that is externally inputted to be <2000 numeric value. Its lower two **digits** are used and performed the same processing with the one until 1990. At the time of an external outputting such as data printing, display, etc., it is contrary to an input time, '19' is added to upper two **digits** to be four **digits**, after that, a multiple of 4 that is preliminarily defined is added and then, the original input value is returned. A processing example is the following when an input value is '2010' and a multiple of 4 that is preliminarily defined is '40'. At the time of an input, 40 is **subtracted**, i.e., $2010-40=1970$, the lower two **digits** of the value is taken to be '70' and all internal processing is performed with the value.

45/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

04439950 **Image available**
ANNO DOMINI PROCESSING SYSTEM

PUB. NO.: 06-083850 [JP 6083850 A]
PUBLISHED: March 25, 1994 (19940325)
INVENTOR(s): HAMANO TAKEO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-133141 [JP 92133141]
FILED: May 26, 1992 (19920526)
INTL CLASS: [5] G06F-015/31
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1762, Vol. 18, No. 346, Pg. 16, June
29, 1994 (19940629)

ABSTRACT

PURPOSE: To guarantee the compatibility of conventional data and to deal with the 21st century while minimizing the change of processing concerning a system which uses the **date** of six **digits** while using only the lower two **digits** of Anno Domini (AD) for years on the assumption that the upper two **digits** of AD is '19'.

CONSTITUTION: This system is provided with a date means 1 to convert the **date** of eight **digits** to the **date** of six **digits** by adding a numerical value for discriminating the upper two **digits** of AD to the data of months or days, and a date restoration means 2 to restore the upper **digits** of AD by discriminating the numerical value added to the data of months or days and to restore the **date** of six **digits** to the **date** of eight **digits**.

45/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
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03319214
DOMINICAL YEAR IDENTIFYING AND PROCESSING METHOD

PUB. NO.: 02-294714 [JP 2294714 A]
PUBLISHED: December 05, 1990 (19901205)
INVENTOR(s): HAYASHIDA TOSHIO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 01-117137 [JP 89117137]
FILED: May 09, 1989 (19890509)
INTL CLASS: [5] G06F-001/14
JAPIO CLASS: 45.9 (INFORMATION PROCESSING -- Other)
JOURNAL: Section: P, Section No. 1169, Vol. 15, No. 75, Pg. 71,
February 21, 1991 (19910221)

ABSTRACT

PURPOSE: To identify a centurial year value from a year consisting of two **digits** by defining a year display value as a value expressing the lower two **digits** of a dominical year in the 1st range when the year display value coincides with a value belonging to a value group consisting of values constituted of two **digits**, and when it does not agree with the value, defining the year display value as a value expressing the lower two **digits** of the dominical year included in the 2nd range.

CONSTITUTION: In the case of identifying a centurial year in a dominical year having a year display value on its lower two **digits** from the **year** display value consisting of decimal two **digits**, whether the **year** display value coincides with a value belonging to the value group consisting of one or more values constituted of prescribed two **digits** or not. When it does not agree with the value, the year display value is processed as a value expressing the lower two **digits** of a dominical year included in the 1st range, and at the time of discrepancy, the year display value is processed as a value expressing the lower two **digits** of a dominical year included in the 2nd range not overlapped to the 1st range and the identified result of the centurial year including the dominical year specified by the year display value is outputted. Thus, the stored value is kept at the lower two **digits** of the dominical layer and the centurial year can be identified from the value consisting of two **digits** in the **year** display without **adding** information to be stored.

45/5/6 (Item 6 from file: 347)
DIALOG(R) File 347: JAPIO
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02645822 **Image available**
INFORMATION STORAGE DEVICE

PUB. NO.: 63-262722 [JP 63262722 A]
PUBLISHED: October 31, 1988 (19881031)
INVENTOR(s): HIROSE KENJI
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 62-096863 [JP 8796863]
FILED: April 20, 1987 (19870420)
INTL CLASS: [4] G06F-007/28
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);
45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 832, Vol. 13, No. 80, Pg. 84,
February 23, 1989 (19890223)

ABSTRACT

PURPOSE: To improve the operability by **adding** date information stored in a storage means to retrieval information so that the number of **digits** of its **date** information can be designated.

CONSTITUTION: A title structure for prescribing each key of a retrieval code stored in a magnetic disk device is defined to a title structure table TT, and in the table TT, a key name Kna, a type T(sub 1), a type T(sub 2), the number of **digits** Cn, a **date** key data KD and an automatic generation data AD are provided. The data KD defines whether its key is a date key or not, and an attribute of the number of **digits** of a **date** to be set, and for instance, when the data KD is set to '1', the type T(sub 1), the type T(sub 2) and the number of **digits** Cn can be set automatically to 1, 2 and 6, respectively, by defining the date key, and also by defining the number of **digits** to 6 **digits**.

45/5/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
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00407048
ELECTRONIC COMPUTER

PUB. NO.: 54-059048 [JP 54059048 A]
PUBLISHED: May 12, 1979 (19790512)
INVENTOR(s): HASHIMOTO MASAHIRO
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 52-126019 [JP 77126019]
FILED: October 20, 1977 (19771020)
INTL CLASS: [2] G06F-015/02
JAPIO CLASS: 45.9 (INFORMATION PROCESSING -- Other); 29.3 (PRECISION INSTRUMENTS -- Horologe); 29.4 (PRECISION INSTRUMENTS -- Business Machines)
JOURNAL: Section: E, Section No. 122, Vol. 03, No. 81, Pg. 116, July 12, 1979 (19790712)

ABSTRACT

PURPOSE: To secure the read-out of the date calculation, the calculation of the number of days and the day calculation through a simple operation and ten to ensure easy display of them, by incorporating the converting logic between various data display methods into the electronic computer.

CONSTITUTION: Date key (a) of the computer is hit; the first date supplied first is read out; and the 6-digit figures in all (lower 2 digits of year of the Christian Era, month and date displayed with 2 digits each) of easy-to-understand SDN display method are supplied through input device C. The circuit contains SDN->julian (lower 2 digits of year of Christian Era plus first 3 digits of date displayed) converter circuit (g), Julian->FDN (5 digits of date counted from the final date of 1899 of Christian Era displayed) converter circuit (j) plus backward converter circuit (h) and (k) respectively. The operations are all carried out through arithmetic circuit P after conversion to FDN. In other words, the number of days are supplied through device C to be subtracted as the first date, and the result is displayed to display unit (e) through SDN. Besides the above date calculation, the following calculations are possible: the calculation of days in which the second date is supplied and the difference is displayed in the form of the number of days; and the day calculation in which day key (n) is hit to calculate the day through day calculator circuit C and the day is displayed by the 1-digit figure

45/5/9 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012274618 **Image available**
WPI Acc No: 1999-080724/199907
XRPX Acc No: N99-058131

Year and date related data processing apparatus in computer system - has
system clock that is set to offset time calculated by addition or
subtraction of actual time with multiple of 28years

Patent Assignee: BROWN R W (BROW-I)

Inventor: BROWN R W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5852824	A	19981222	US 97861557	A	19970522	199907 B

Priority Applications (No Type Date): US 97861557 A 19970522

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5852824	A		18	G06F-017/30	

Abstract (Basic): US 5852824 A

The apparatus has a database file (119) that is stored in the memory (116). A CPU (112) and the memory are coupled through a bus (115). The system clock (114) that is coupled to the bus is set to the offset time calculated by addition or **subtraction** of actual time with multiple of 28years. An application program (18) stored in the memory is executed by the CPU.

The year data with years being represented by two, three or four **digits** is stored in the database file. The CPU converts the year date data by executing the application program. The year date data is converted to two **digit year date** data representing both positive and negative numbers to represent 199-year span including dates from upto three centuries.

ADVANTAGE - Enables easy processing of date dependent data.
Facilitates effective processing of date related data over three centuries.

Dwg.1/12

Title Terms: YEAR; DATE; RELATED; DATA; PROCESS; APPARATUS; COMPUTER;
SYSTEM; SYSTEM; CLOCK; SET; OFFSET; TIME; CALCULATE; **ADD ; SUBTRACT ;**
ACTUAL; TIME; MULTIPLE

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

45/5/11 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012178259 **Image available**
WPI Acc No: 1998-595170/199850
XRPX Acc No: N98-463076

Storing date information in computer - reformatting and using existing 2
digit month and day fields in 8,7 or 6 digit date format to
accommodate new century information

Patent Assignee: HOFFMAN M R (HOFF-I); SLATIN R C (SLAT-I)

Inventor: HOFFMAN M R; SLATIN R C

Number of Countries: 081 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9849608	A2	19981105	WO 98US8642	A	19980429	199850 B
AU 9873641	A	19981124	AU 9873641	A	19980429	199914

Priority Applications (No Type Date): US 97840335 A 19970429

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9849608	A2	E 44	G06F-000/00	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9873641	A	G06F-000/00	Based on patent WO 9849608
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Abstract (Basic): WO 9849608 A

The method for storing date information in a variable used by a
computer having two- **digit day** , month and **year fields** involves
receiving a date to be stored, including the date century, and
subtracting a base century for the date century to produce a century
difference.

The century difference is encoded into the **digits** of at least one
of either the day and the month fields. The encoding involves encoding
the century difference into the **day field** by multiplying the
century difference by thirty-one and **adding** it to the **digits** of the
day field .

USE - Reformatting 6,7 or 8 **digit date** having **fields**
displaying the **day** , month and year to accommodate new century
information and for incorporating such dates into existing systems.

ADVANTAGE - Allows continued use of current 6-digit e.g. mmddyy or
ddmmyy formats for dates prior to year 2000 while accommodating dates
in similar 6 digit format.

Dwg.1/13

Title Terms: STORAGE; DATE; INFORMATION; COMPUTER; EXIST; DIGITAL; MONTH;
DAY; FIELD; DIGITAL; DATE; FORMAT; ACCOMMODATE; NEW; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

45/5/10 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012193666 **Image available**
WPI Acc No: 1998-610579/199851
XRPX Acc No: N98-474899

Extending method for capacity of date code used in computer - defines set of extended symbols that may be used as first or second digits in new two digit year code in new date code that may represent dates well beyond 1999

Patent Assignee: BEAM W N (BEAM-I)
Inventor: BEAM W N
Number of Countries: 022 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9850864	A1	19981112	WO 98US8184	A	19980423	199851 B
US 5950197	A	19990907	US 9745857	A	19970507	199943
			US 9855836	A	19980406	
EP 1008081	A1	20000614	EP 98918622	A	19980423	200033
			WO 98US8184	A	19980423	

Priority Applications (No Type Date): US 9855836 A 19980406; US 9745857 P 19970507

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9850864	A1	E	54	G06F-015/30	
				Designated States (National):	CA JP
				Designated States (Regional):	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
US 5950197	A			G06F-017/30	Provisional application US 9745857
EP 1008081	A1	E		G06F-017/60	Based on patent WO 9850864
				Designated States (Regional):	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Abstract (Basic): WO 9850864 A

The method involves selecting a set of additional symbols exclusive of the symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9 provided in a predetermined character set to allow in at least one position in an extended date code. An expansion is assigned to each of the additional symbols. The expansion represents the value of each of the additional symbols. The extended date code is constructed using at least one symbol in the set of additional symbols. Finally the expanded date code is interpreted in accordance with the expansion during arithmetic operations including addition and subtraction.

The set of additional symbols are selected from symbols already defined in the predetermined character set.

ADVANTAGE - Provides inexpensive solution for year 2000 date code problem. Requires minimal modifications, if any, to existing COBOL programs or other computer language programs. Requires minimal, if any, data file modifications.

Dwg.3/5

Title Terms: EXTEND; METHOD; CAPACITY; DATE; CODE; COMPUTER; DEFINE; SET; EXTEND; SYMBOL; FIRST; SECOND; DIGITAL; NEW; TWO; DIGITAL; YEAR; CODE; NEW; DATE; CODE; REPRESENT; DATE; WELL

Derwent Class: T01

International Patent Class (Main): G06F-015/30 ; G06F-017/30 ; G06F-017/60

File Segment: EPI

45/5/12 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011670236 **Image available**
WPI Acc No: 1998-087145/199808
XRPX Acc No: N98-069156

Two digits year date identification and correction system for
computer operation - has adding device that inserts first new computer
instruction in existing computer code after subtraction operation,
first new computer instruction including addition of number of two digit
numbers to difference value

Patent Assignee: DATA INTEGRITY INC (DATA-N)
Inventor: BURGESS A G
Number of Countries: 079 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9800777	A1	19980108	WO 97US10843	A	19970624	199808 B
AU 9734083	A	19980121	AU 9734083	A	19970624	199825
US 5808889	A	19980915	US 96668513	A	19960628	199844
EP 892949	A1	19990127	EP 97930193	A	19970624	199909
			WO 97US10843	A	19970624	

Priority Applications (No Type Date): US 96668513 A 19960628
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9800777	A1	E	38	G06F-007/50	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 9734083	A			G06F-007/50	Based on patent WO 9800777
EP 892949	A1	E		G06F-007/50	Based on patent WO 9800777
Designated States (Regional): BE CH DE FR GB LI NL					
US 5808889	A			G06F-009/40	

Abstract (Basic): WO 9800777 A

The system includes a computer operated for searching for a
subtraction operation involving a number of two digit quantities
representing year dates. The subtraction operation is executed to
obtain a difference value between the two quantities. A negative
difference value is verified and a number of two digit numbers whose
sum is 100 is added to the difference value. The subtraction
operation includes computer instructions in existing computer code. The
adding device inserts a first new computer instruction in the
existing computer code after the subtraction operation. The first new
computer instruction including the addition of the number of two digit
numbers to the difference value.

ADVANTAGE - Provides efficient system for correcting computer
operation with two digits year date field regardless of
application programming language or database program used.

Dwg.2/7

Title Terms: TWO; DIGITAL; YEAR; DATE; IDENTIFY; CORRECT; SYSTEM; COMPUTER;
OPERATE; ADD ; DEVICE; INSERT; FIRST; NEW; COMPUTER; INSTRUCTION; EXIST;
COMPUTER; CODE; AFTER; SUBTRACT ; OPERATE; FIRST; NEW; COMPUTER;
INSTRUCTION; ADD ; NUMBER; TWO; DIGITAL; NUMBER; DIFFER; VALUE

Derwent Class: T01

International Patent Class (Main): G06F-007/50 ; G06F-009/40

File Segment: EPI

Set	Items	Description
S1	41063	DATE OR DATEFILE? OR CALENDAR? OR DATES OR DATING OR DATES-TAMP?
S2	67	Y2K OR YEAR() (TWO()THOUSAND? OR 2()THOUSAND? OR 2K) OR Y()-2()K
S3	1610631	INTEGER? OR DATA()SPACE? OR NUMBER?
S4	202	(ADD OR SUBTRACT? OR SUM OR SUMMING OR ADDING OR ADDS) (2N) - (SEVEN? OR 7 OR SEPT?) (3N)S3
S5	5210	365 OR THREE()HUNDRED(N)SIXTY()FIVE OR SIX()HUNDRED(N)THIRTY(N)FIVE OR 635 OR 6()35
S6	1	S1 AND S4
S7	0	S2 AND S4
S8	103	S4 AND (CLOCK? OR DATE? OR TIME? OR CALENDAR? OR SCHEDUL? - OR S2)
S9	0	S8 AND S5
S10	0	S8 AND S2
S11	92	S8 NOT AD=19980622:20010622
S12	87	S11 NOT AD=20010622:20030622
S13	87	S12 NOT AD=20030622:20050301
S14	1	S13 AND IC=G06F-017?
S15	24	SEVEN()SPACE?
S16	1	S15 AND (S1 OR S2)
S17	0	S15 AND S8
S18	0	S13 AND YEAR?
S19	1	S13 AND (CRASH? OR BUG OR BUGS OR DISASTER? OR FAIL?)
S20	36	S13 AND IC=G06F?
S21	15	S4(3N) (CLOCK? OR DATE? OR TIME? OR CALENDAR? OR SCHEDUL? OR S2)
S22	13	S13 AND S21
S23	47	S22 OR S20
S24	47	IDPAT (sorted in duplicate/non-duplicate order)
S25	47	IDPAT (primary/non-duplicate records only)
S26	1	S25 AND (DATE? OR DAY? OR CALENDAR? OR YEAR?)
S27	15	AU=(STOUT W? OR STOUT, W?)
S28	1	S27 AND (DAY? OR DATE? OR CALENDAR?)
S29	13	S2 AND (ADD? OR SUBTRACT? OR SUM? OR REMOVE? OR INCREMENT? OR DECREMENT?)
S30	18226	MC=(T01-E02A OR T01-F05B2 OR T01-F05E?)
S31	6000	(DAY? OR YEAR? OR CALENDAR? OR DATE?) (3N) (SPACE? OR INTEGER? OR NUMBER? OR FORMAT? OR REFORMAT?)
S32	22	S30 AND S31
S33	21	S32 NOT (S29 OR S25)
S34	1648	(CALENDAR? OR DATE? OR DAY? OR YEAR?) (2N) (FIELD? OR SPACE? OR AREA? ? OR INTEGER? OR DIGIT?)
S35	127	S34 AND (ADD OR ADDS OR ADDING OR SUM OR SUMMING OR INCREMENT? OR DECREMENT? OR DELETE? OR SUBTRACT?)
S36	127	S34 AND S35
S37	42	S36 AND IC=G06F?
S38	4	S36 AND S30
S39	43	S37 OR S38
S40	41	S39 NOT (S33 OR S29 OR S26 OR S28 OR S26)
S41	31	S40 NOT AD=19980622:20010622
S42	30	S41 NOT AD=20010622:20030622
S43	30	S42 NOT AD=20030622:20050301
S44	0	S43 AND (S2 OR MILLENI?)
S45	12	S43 AND (SPACES OR DIGITS OR INTEGERS)

?show files

File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)

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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200510

(c) 2005 Thomson Derwent

Set	Items	Description
S1	41063	DATE OR DATEFILE? OR CALENDAR? OR DATES OR DATING OR DATES-TAMP?
S2	67	Y2K OR YEAR() (TWO()THOUSAND? OR 2()THOUSAND? OR 2K) OR Y()-2()K
S3	1610631	INTEGER? OR DATA()SPACE? OR NUMBER?
S4	202	(ADD OR SUBTRACT? OR SUM OR SUMMING OR ADDING OR ADDS) (2N) - (SEVEN? OR 7 OR SEPT?) (3N)S3
S5	5210	365 OR THREE()HUNDRED(N)SIXTY()FIVE OR SIX()HUNDRED(N)THIRTY(N)FIVE OR 635 OR 6()35
S6	1	S1 AND S4
S7	0	S2 AND S4
S8	103	S4 AND (CLOCK? OR DATE? OR TIME? OR CALENDAR? OR SCHEDUL? - OR S2)
S9	0	S8 AND S5
S10	0	S8 AND S2
S11	92	S8 NOT AD=19980622:20010622
S12	87	S11 NOT AD=20010622:20030622
S13	87	S12 NOT AD=20030622:20050301
S14	1	S13 AND IC=G06F-017?
S15	24	SEVEN()SPACE?
S16	1	S15 AND (S1 OR S2)
S17	0	S15 AND S8
S18	0	S13 AND YEAR?
S19	1	S13 AND (CRASH? OR BUG OR BUGS OR DISASTER? OR FAIL?)
S20	36	S13 AND IC=G06F?
S21	15	S4 (3N) (CLOCK? OR DATE? OR TIME? OR CALENDAR? OR SCHEDUL? OR S2)
S22	13	S13 AND S21
S23	47	S22 OR S20
S24	47	IDPAT (sorted in duplicate/non-duplicate order)
S25	47	IDPAT (primary/non-duplicate records only)
S26	1	S25 AND (DATE? OR DAY? OR CALENDAR? OR YEAR?)
S27	15	AU=(STOUT W? OR STOUT, W?)
S28	1	S27 AND (DAY? OR DATE? OR CALENDAR?)
S29	13	S2 AND (ADD? OR SUBTRACT? OR SUM? OR REMOVE? OR INCREMENT? OR DECREMENT?)
S30	18226	MC=(T01-E02A OR T01-F05B2 OR T01-F05E?)
S31	6000	(DAY? OR YEAR? OR CALENDAR? OR DATE?) (3N) (SPACE? OR INTEGER? OR NUMBER? OR FORMAT? OR REFORMAT?)
S32	22	S30 AND S31
S33	21	S32 NOT (S29 OR S25)
S34	1648	(CALENDAR? OR DATE? OR DAY? OR YEAR?) (2N) (FIELD? OR SPACE? OR AREA? ? OR INTEGER? OR DIGIT?)
S35	127	S34 AND (ADD OR ADDS OR ADDING OR SUM OR SUMMING OR INCREMENT? OR DECREMENT? OR DELETE? OR SUBTRACT?)
S36	127	S34 AND S35
S37	42	S36 AND IC=G06F?
S38	4	S36 AND S30
S39	43	S37 OR S38
S40	41	S39 NOT (S33 OR S29 OR S26 OR S28 OR S26)
S41	31	S40 NOT AD=19980622:20010622
S42	30	S41 NOT AD=20010622:20030622
S43	30	S42 NOT AD=20030622:20050301
S44	0	S43 AND (S2 OR MILLENI?)
S45	12	S43 AND (SPACES OR DIGITS OR INTEGERS)

?show files

File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200510

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33/5/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013455707 **Image available**
WPI Acc No: 2000-627650/200060
Related WPI Acc No: 2000-085701; 2000-410430; 2000-627603; 2001-307065;
2001-353573; 2001-388706; 2001-578454
XRPX Acc No: N00-464995

**Computer source program compiling method for solving year 2000 problem
involves generating object program comprising instructions for processing
and/or invoking procedures on associated data fields**

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)
Inventor: CARTER W A; ELDERON A R; MAGEE T D; NICHOLAS M D; SAADE H Y;
SUTHERLAND G; TINDALL W N J; URS J R; WEINMANN T E; WHEATLEY M T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6081655	A	20000627	US 97899444	A	19970723	200060 B
			US 97971178	A	19971114	

Priority Applications (No Type Date): US 97971178 A 19971114; US 97899444 A
19970723

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6081655	A		55	G06F-009/45	CIP of application US 97899444

Abstract (Basic): US 6081655 A

NOVELTY - The source program is computed in to an object program
such that the object program includes instructions for processing
and/or invoking procedures on data fields associated with extended data
declarations. Hence the data within the four digit year data field, are
defined as four digit year data.

DETAILED DESCRIPTION - A data declaration extension
asteriskasteriskasterisksyntasc indicates the use of **date format**
attribute to identify the declaration extension and attributes for
identifying Y2k solutions. The source program is comprised by
programming language statements received by the computer memory.
INDEPENDENT CLAIMS are also included for the following:

- (a) a computer programming apparatus;
- (b) a computer program product

USE - For solving Y2K problems using compiler or interpreter used
in processing of insurance, account, inventory, investment, retirement
information and in other applications.

ADVANTAGE - Minimizes testing impact by minimizing user changes to
program logic. Generates debug hooks for each statement that has been
affected by modifications to data definition statements, thus allowing
use of debugger or other analysis tool at run-time, to assist with
run-time analysis and validation of application. Allows user to
selectively enable or disable new attributes, to test the modified
program and any executive with full year 2000 support, by enabling use
of new attributes.

DESCRIPTION OF DRAWING(S) - The figure shows a flow chart for
implementing Y2K solution.

pp; 55 DwgNo 2/2

Title Terms: COMPUTER; SOURCE; PROGRAM; COMPILE; METHOD; SOLVING; YEAR;
PROBLEM; GENERATE; OBJECT; PROGRAM; COMPRISE; INSTRUCTION; PROCESS;
INVOKE; PROCEDURE; ASSOCIATE; DATA; FIELD

Derwent Class: T01

International Patent Class (Main): G06F-009/45

File Segment: EPI

33/5/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012967291

WPI Acc No: 2000-139140/200013

XRPX Acc No: N00-104127

Date manipulation system for computer expected to experience problems
storing dates at the turn of the century - includes decrementing year
value by predetermined number being a multiple of 28 and inserting code
to increment year value by predetermined value

Patent Assignee: BRAY M (BRAY-I); CHISHOLM W (CHIS-I)

Inventor: BRAY M; CHISHOLM W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
IE 80906	B3	19990616	IE 98862	A	19981016	200013 B

Priority Applications (No Type Date): IE 97753 A 19971016

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
IE 80906	B3	28	G06F-009/44		

Abstract (Basic): IE 80906 B

NOVELTY - A computer system (1) comprises a central processor unit (2), at least one terminal comprising a keyboard (3), a screen (4), at least one mass storage device (5) and optionally one or more output device, I.e. a printer (6). The time period that a computer system will continue functioning without experiencing problems with the 'millennium bug' is extended by subtracting a fixed number of years from all dates stored in the computer system, the number being a multiple of 28. By modifying the interface software, the user is presented with dates where the year code has the fixed number added to the date, so as to be displayed in a current setting

USE - Date manipulation to solve problems of the 'millennium bug'

ADVANTAGE - Providing temporary time extension to decide on and implement a permanent solution.

Dwg.0/4

Title Terms: DATE; MANIPULATE; SYSTEM; COMPUTER; EXPERIENCE; PROBLEM;
STORAGE; DATE; TURN; YEAR; VALUE; PREDETERMINED; NUMBER; MULTIPLE; INSERT
; CODE; INCREMENT; YEAR; VALUE; PREDETERMINED; VALUE

Derwent Class: T01

International Patent Class (Main): G06F-009/44

File Segment: EPI

33/5/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011372692 **Image available**
WPI Acc No: 1997-350599/199732
Related WPI Acc No: 1998-009102; 1998-531400; 2000-349486; 2000-654932;
2002-096656
XRPX Acc No: N97-290664

Operational steps for providing date recording continuity into new
millenium - examining at least one of number of year data to
determine whether it has composite binary integer value that is inside or
outside range from 12,336 to 14,649, inclusive

Patent Assignee: RESOLVE 2000 INC (RESO-N)
Inventor: SOEDER T B
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5644762	A	19970701	US 96645822	A	19960514	199732 B

Priority Applications (No Type Date): US 96645822 A 19960514

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5644762	A	6	G06F-017/30	

Abstract (Basic): US 5644762 A

The method involves providing a computer-readable storage medium
storing a **number** of **year** data. At least one of the **number** of
year data is examined to determine whether at least one of the **number**
of **year** data has a composite binary integer value which is inside or
outside a range from 12,336 to 14,649, inclusive. If the composite
binary integer value of at least one of the **number** of **year** data is
outside the range, then it includes defining the composite binary
integer value as a **number** representing the first **year**.

If the composite binary integer value of the at least one of the
number of **year** data is inside the range, then it entails determining
the single decimal digit represented by the each of the two bytes of
the second year datum. The second year represented by the second year
datum is then determined in accordance with the single decimal digit
represented by the each of the two bytes of the second year datum.

USE/ADVANTAGE - For recording and reading dates both before and
after Dec.31.99. Allows recording dates beginning Jan, 1,200 in
computer readable storage media without the need to rewrite existing
information.

Dwg.2/4

Title Terms: OPERATE; STEP; DATE; RECORD; CONTINUE; NEW; ONE; NUMBER; YEAR;
DATA; DETERMINE; COMPOSITE; BINARY; INTEGER; VALUE; RANGE; INCLUSION

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

29/5/9 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013455660 **Image available**
WPI Acc No: 2000-627603/200060
Related WPI Acc No: 2000-085701; 2000-410430; 2000-627650; 2001-307065;
2001-353573; 2001-388706; 2001-578454
XRPX Acc No: N00-464948

**Source program compiling method for solving Y2K problem, involves
invoking procedures on extended data fields according to year 2000
solution**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: CARTER W A; ELDERON A R; MAGEE T D; NICHOLAS M D; SAADE H Y;
SUTHERLAND G; TINDALL W N J; URS J R; WEINMANN T E; WHEATLEY M T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6078734	A	20000620	US 97899444	A	19970723	200060 B

Priority Applications (No Type Date): US 97899444 A 19970723

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6078734	A	53	G06F-009/45	

Abstract (Basic): US 6078734 A

NOVELTY - A memory receives programming language statements comprising source program and data declaration extension. Each extension selects a Y2K solution from a group comprising windowing, encoding and decoding techniques. The extension is described in format defined by extension syntax. The source program is compiled into object program for invoking procedures on extended data field according to Y2K solution.

DETAILED DESCRIPTION - The data declaration extension syntax includes data format attribute to identify declaration extension to compiler and identification attribute for windowing technique.

INDEPENDENT CLAIMS are also included for the following:

- (a) source program compiler;
- (b) a computer program product

USE - For compiling high level language programs for solving Y2K problem in various processing applications e.g. for processing insurance, account, inventory investment and retirement information.

ADVANTAGE - Provides run-time analyzing capability to track actual run-time usage of data items whose definition has been modified to address the Y2K problem. Converts existing code to be Y2K capable, while maintaining and enhancing this code for normal day-today operations. Minimizes source code modification, data definition statements, thus reducing cost, conversion time and error rate considerably. The compiler option allows use of a debugger or other analysis tool at run-time to assist with run-time analysis and validation of the application.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating the process for implementing Y2K solution.

pp; 53 DwgNo 2/2

Title Terms: SOURCE; PROGRAM; COMPILE; METHOD; SOLVING; PROBLEM; INVOKE;
PROCEDURE; EXTEND; DATA; FIELD; ACCORD; YEAR; SOLUTION

Derwent Class: T01

International Patent Class (Main): G06F-009/45

File Segment: EPI

28/9/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014326394 **Image available**
WPI Acc No: 2002-147096/200219
XRPX Acc No: N02-111509

Date formatting system for solving Y2K problem in computer system, has
CPU which adds or subtracts date file represented by preset number of
integers

Patent Assignee: STOUT W (STOU-I)

Inventor: STOUT W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020002553	A1	20020103	US 98100934	A	19980622	200219 B

Priority Applications (No Type Date): US 98100934 A 19980622

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020002553	A1	7	G06F-017/30	

Abstract (Basic): US 20020002553 A1

NOVELTY - A CPU (14) adds or subtracts **date** files to store
respective sums or differences after year 1999. The 6-integer **date**
file has initial three integers representing century (C) and year (YY)
while final three integers **day** of the year.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
operational steps carried out by a computer.

USE - For computer systems influenced by Y2K problem.

ADVANTAGE - Solution to year 2000 problem (Y2K) is simplified by
the 6-digit **date** file.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
computer.

CPU (14)

pp; 7 DwgNo 1/6

Title Terms: **DATE** ; FORMAT; SYSTEM; SOLVING; PROBLEM; COMPUTER; SYSTEM;
CPU; ADD; SUBTRACT; **DATE** ; FILE; REPRESENT; PRESET; NUMBER; INTEGER

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): T01-E02A; T01-F05B2; T01-F05E